

WHAT IS CLAIMED IS:

1. A connector (1) comprising a housing (10) accommodating electric wires (12) extended from a rear end of the housing (10); and a cover (20) mounted on the rear end of said housing (10) to surround said electric wires (12),

said cover (20) having two halves (21A, 21B) that are connected to each other by butting an edge (29) of one butting wall (28) on one said half (21A, 21B) against an edge (29) of a butting wall (28) formed on said other half (21A, 21B),

at least one engaging projection (27) on each said butting wall (28) in each of said halves (21A, 21B), and at least one locking piece (26) on each butting wall (28) in each of said halves (21A, 21B) at positions corresponding to positions of said engaging projections (27) of the opposed half (21A, 21B), said locking pieces (26) being configured to ride across and lock to said corresponding engaging projection (27) for preventing said halves (21A, 21B) from separating;

each of said engaging projections (27) being formed on said butting wall (28) at a position spaced inwardly from said edge (29) of said butting wall (28) in a direction in which said both halves (21A, 21B) are connected, whereby a portion of an outer surface of said butting wall (28) between said edge (29) of said butting wall (28) and said engaging projection (27) defines a temporary holding surface (32) that supports said locking piece (26) before said locking piece (26) reaches said engaging projection (27) in connecting said halves (21A, 21B) to each other, thereby holding a connected posture of each of said halves (21A, 21B) in a normal posture.

2. The connector of claim 1, further comprising at least one guide (31) formed on said butting wall (28) for guiding said locking piece (26) in said direction in which said halves (21A, 21B) are connected together.

3. The connector of claim 2, further comprising an accommodation concavity (30) formed concavely on an outer surface of said butting wall (28) and open at a side of said edge (29) of said butting wall (28), said accommodation concavity (30) partly surrounding said locking projection (27); and

said locking piece (26) being disposed and configured to slide on an inner surface of said accommodation concavity (30) in connecting said halves together and fitting in said accommodation concavity (30) after said halves (21A, 21B) are connected.

4. The connector of claim 2, wherein said guide (31) is formed integrally with said accommodation concavity (30).

5. A cover (51) for protecting wires (W) extending from a housing (11a) of a connector to a corrugate tube (40) said cover (51) comprising:

a lock (57a, 57b) formed on an inner surface of an end of said cover (51) remote from said housing (11a) and engaging a periphery of said corrugate tube (40) so that said corrugate tube (40) is mounted unremovably on said cover (51); and

an electric wire guide (59) substantially adjacent said lock (57a, 57b) and dimensioned to define a diameter (D2) of a path (58) for said electric wires (W) extended from said corrugate tube (40) that is smaller than an inner diameter (D1) of an edge of said corrugate tube (40).

6. The cover (51) of claim 5, wherein said cover (51) comprises a pair of half covers (51a, 51b) connected to each other; a locking mechanism (55, 56) for holding said half covers (51a, 51b) closed around said wires (W) and secured to said housing (11a) and said corrugate tube (40); and said electric wire guide (59) comprises half annular projections (59a, 59b) formed on inner peripheral surfaces of said half covers (51a, 51b).

7. The cover (51) of claim 5, wherein said electric wire guide (59) includes a rounded surface for contacting said electric wires (W).